



Huawei: Leading provider of ICT infrastructure and smart devices



Vision & mission

Bring digital to every person, home and organization for a fully connected, intelligent world

170 +countries and regions 207,000 employees 55.4% of employees work in R&D No. 4 in global R&D investment

120,000+

active patents held globally

(*Huawei has one of the world's largest patent portfolios.)



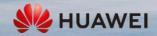
Trends, Insights, and solutions

General Digital
Trends

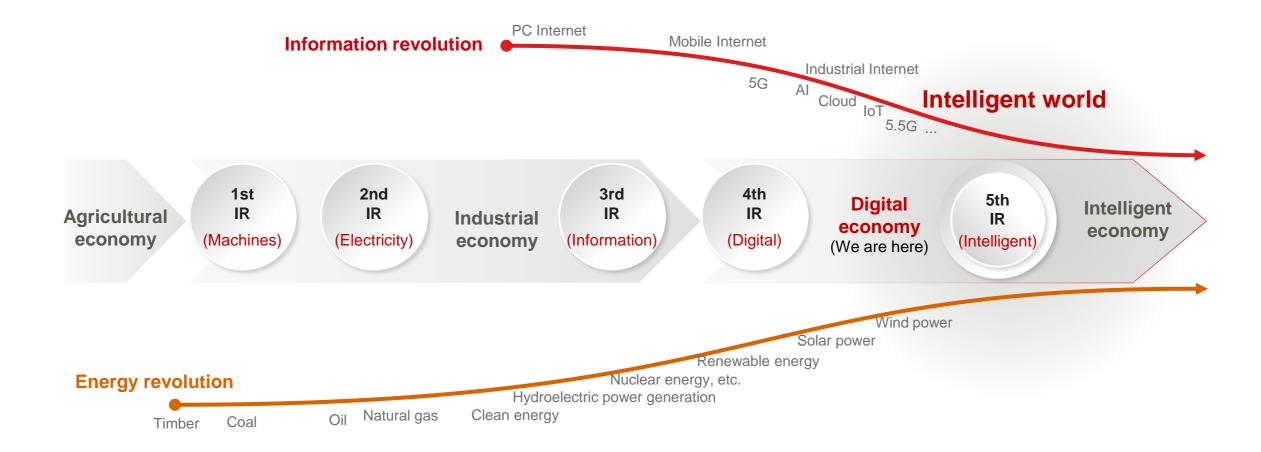
Digital Financial
Services

Solution framework and case(s)



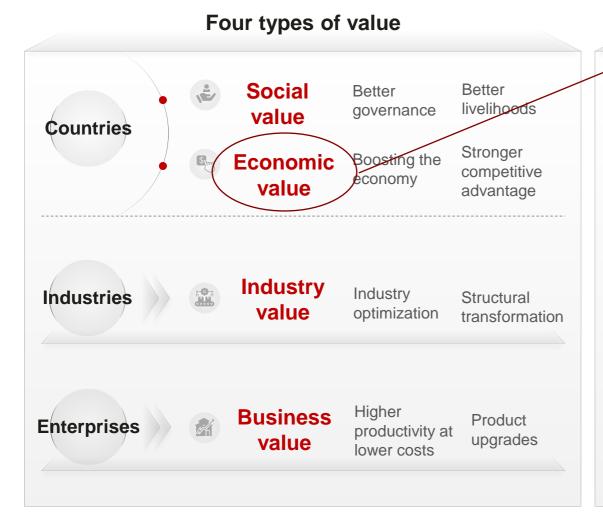


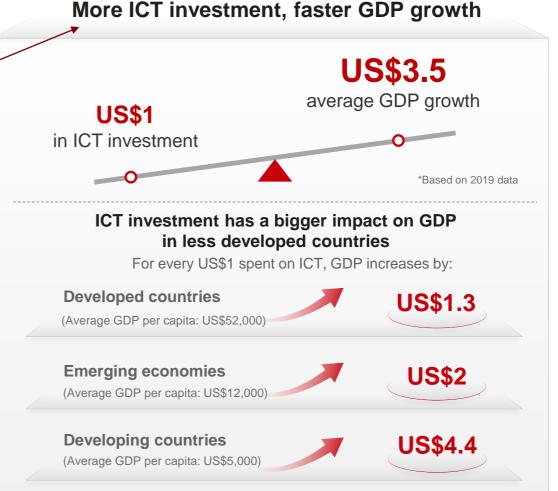
Digital and intelligent transformation: Pathways to the intelligent world





Digitalization creates four types of value to boost national GDP





Source: Roland Berger



More than 170 countries have announced digital nation strategies

Germany

- Digital Strategy 2025
- Industry 4.0, innovation and SMEs, and informational autonomy

France

- · International Digital Strategy
- Open governance; making France a center of digital excellence; digital autonomy

UAE

- The UAE Centennial 2071: Best country in the world (economy, government, society)
- Strategy for Artificial Intelligence 2031: World leader in Al

Saudi Arabia

- Vision 2030, Smart Government Strategy 2020–2024, etc.
- ICT industry, well developed digital infrastructure, and digital transformation of public services

China

- 14th 5-Year Plan and 2035 Long-Range Objectives
- · New Infrastructure

Japan

 Society 5.0: Solutions to Better Lives

Thailand

- Thailand 4.0
- ASEAN hub for connectivity and data exchanges

Indonesia

- ICT Ministry's Strategic Plan for 2020-2024
- Inclusive infrastructure and digital literacy

Singapore

- Smart Nation: The Way Forward
- Digital transformation of public services and industries, and digital inclusion

Malaysia

- MyDIGITAL
- · ASEAN Digital Hub
- · Access to the Internet for every household

Chile

- National Strategic Program for Smart Industries
- Higher productivity and efficiency; digital language

Brazil

- Digital Transformation Strategy (E-Digital)
- Production digitalization; digital education and training

Successful implementation relies on 3 key factors

Top-level design

Implementation plans

Key initiatives

Morocco

- Morocco Digital 2025
- Digital administration, digital ecosystem and innovation, and inclusive social and human development

South Africa

- National Development Plan 2030
- National Digital and Future Skills Strategy

Egypt

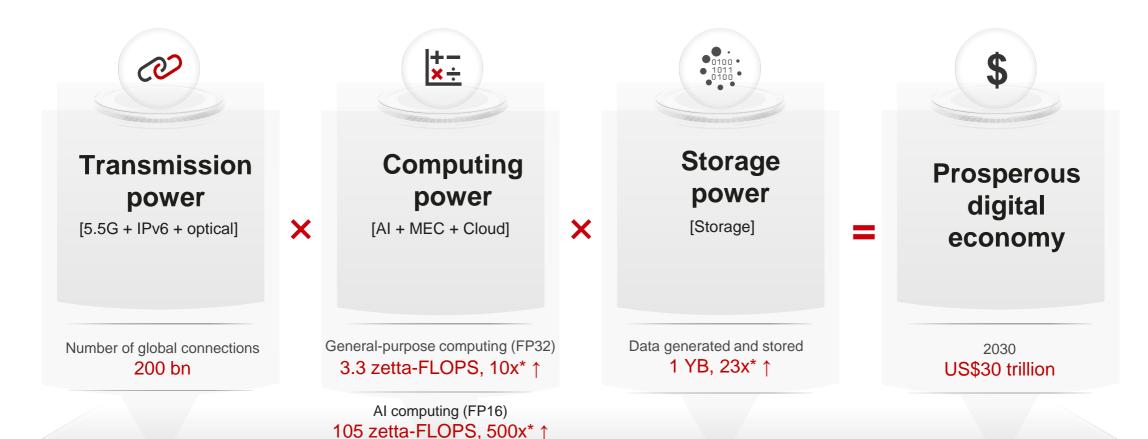
- Digital Egypt
- Digital transformation of public services, talent and employment, ICT innovation and entrepreneurship

Kenya

- Ministry of ICT Strategic Plan (2020–2024)
- Digital business environment, digital capabilities, and application innovation



Transmission, computing, and storage power: The cornerstone of digital economy



Source: Huawei Intelligent World 2030

^{*} Time range from 2020 to 2030.

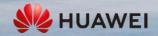


Trends, Insights, and solutions

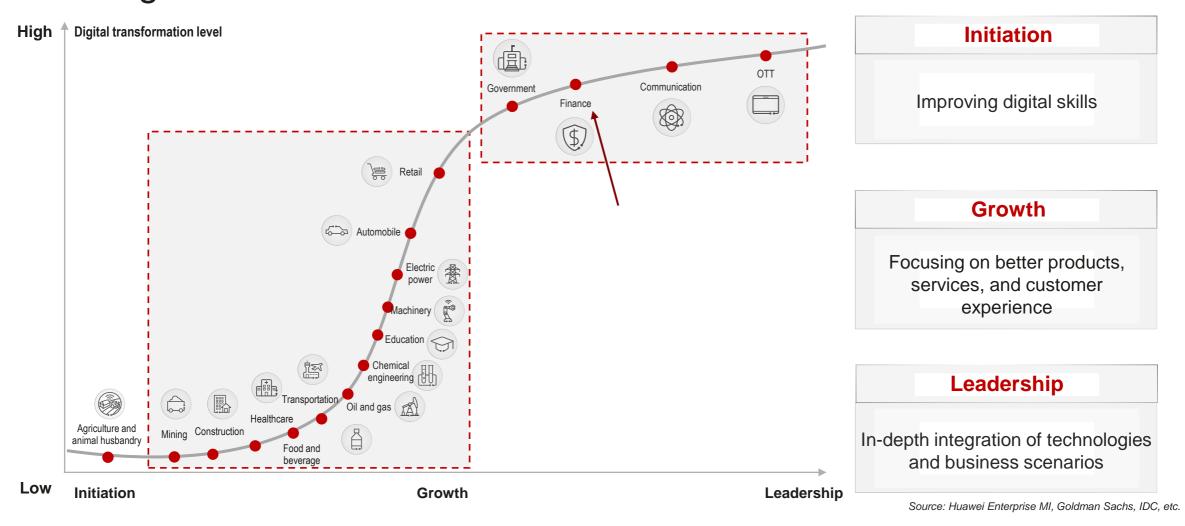
General Digital
Trends

Digital Financial Services Solution framework and Use case(s)





Industries at different stages of digital transformation face different challenges





Digitalization Trends in the Financial Industry





Mobile Payment and Super Apps are Reshaping Financial Ecosystem

Mobile Payment

is eating the Card and Cash Payments

27.4% CAGR from

2022 to 2030

74%Growth from

2020 to 2025

58.6%

Of global population

I think it's possible to become the biggest financial institutions in the world, just by providing people with convenient payment options."

---- Elon Musk



80% in 2Y

\$2.1 tn

of Brazilians in 2 years

Transaction Volume in 2022 (Brazil's GDP is 1.9 trillion)

Disrupted Brazil payment industry in just 2 years, which accelerates top 4 banks IT modernization to cope with surged transactions.

Super App

User centric platform of engagement & ecosystem

\$722.4 bn

Market size by 2032

12X

Market share growth 2022-2032

28.9%

CAGR 2023 - 2032

By 2027, more than 50% of the global population will be daily active users of multiple super apps."

---- Garner







2M → 12M users In 3 years



Monthly transaction number and volume

Rapidly dominated Myanmar market within 3 years, which significantly enhance the digitalization process of the Myanmar market ecosystem.



AIGC, New Opportunities with Cutting Edge Innovation

More than a tool, generative AI is becoming the Next-generation Portal



1 bn users worldwide 1.6+ bn visits per

month

Leading financial institutes are actively to be the **Golden Diggers**

Scenario Practices

Document Assistants Coding & Review

Fraud Detection

Morgan Stanley

OpenAI is perhaps the best example to date of empowering Morgan Staley with the marriage of human advice and technology

> —— Jeff McMillan, Chief Analytics and Data Officer, Morgan Staley

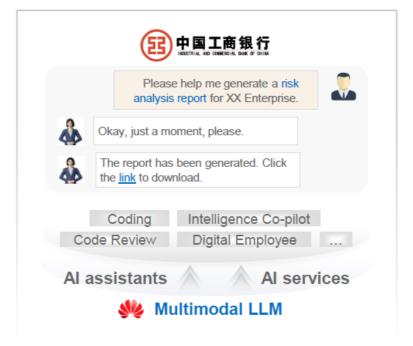


Intelligent Assistant

16K

Wealth Management Agents

100K
Internal
Document
Interpretation



stripe

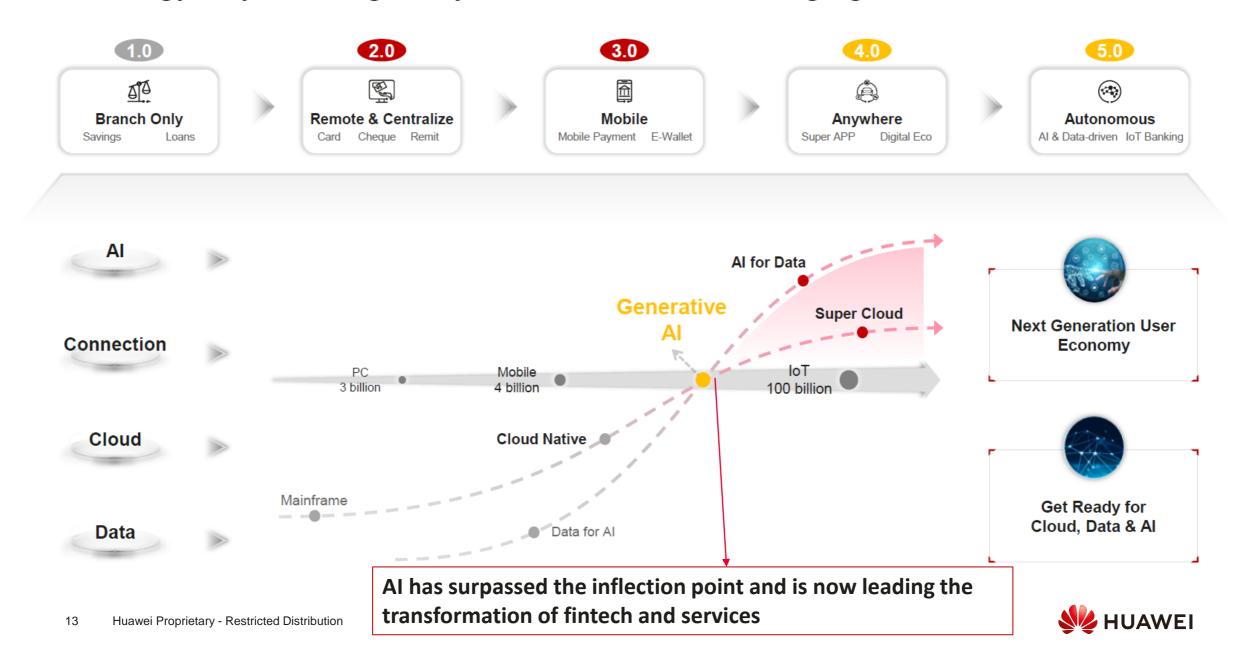
As a Client, Stripe is using ChatGPT-4 for:

- Understanding users' businesses
- Answering technical support questions
- · Fraud detection

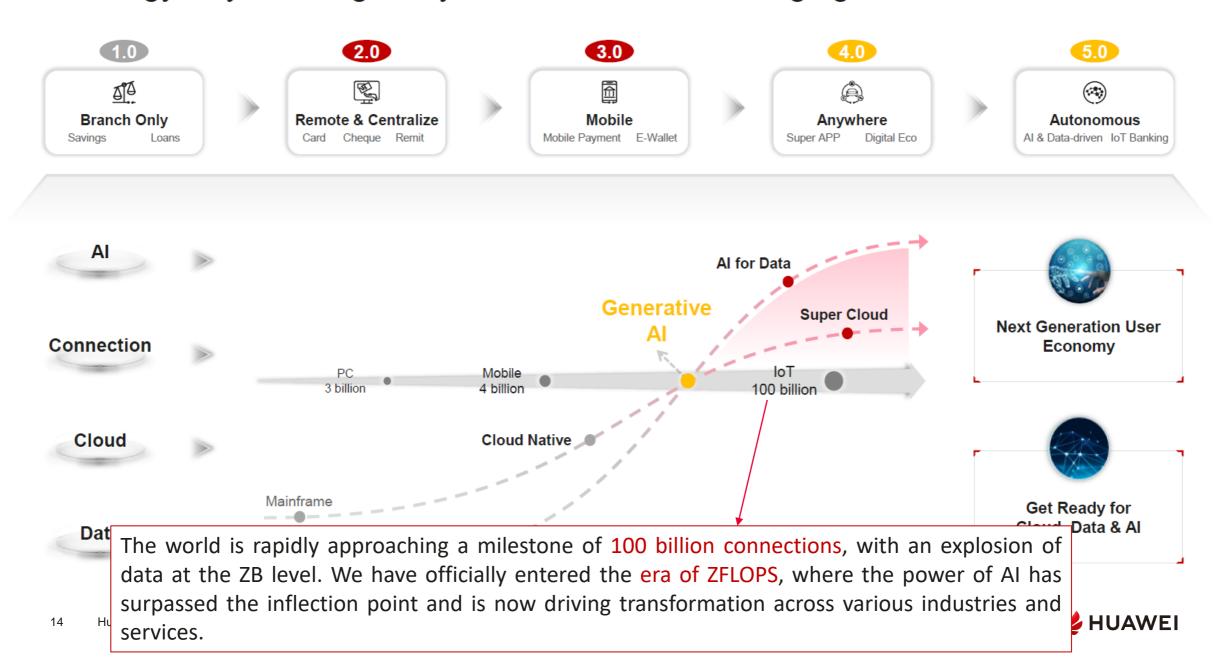
As a Financial Institute, Stripe provides payment, bill, tax services for OpenAl to monetize products.



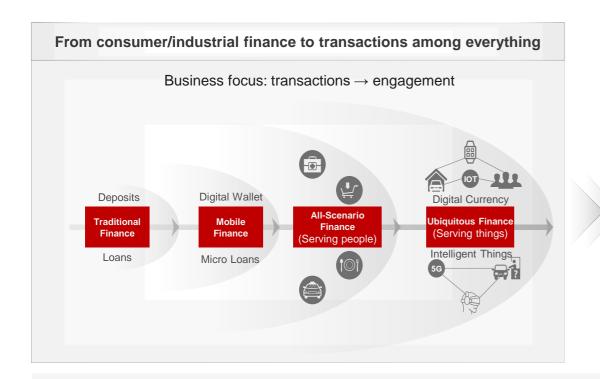
Technology Beyond Singularity, New Models are Emerging

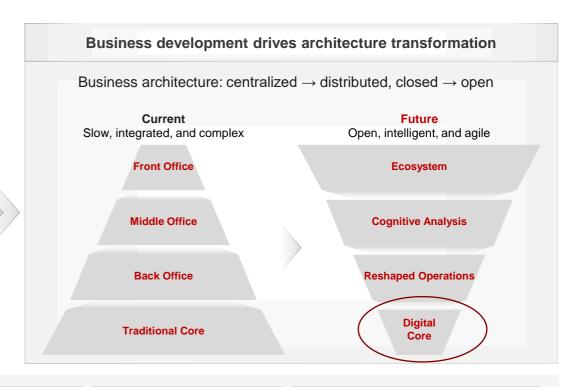


Technology Beyond Singularity, New Models are Emerging



Finance: New business models require digital services, platforms, and infrastructure







High availability

Ensures service continuity with active-active/Two-site three-center DR

RTO: 2 hours → 10 minutes

High security

Shifts the focus from pre-event to inevent and post-event, and recovers services faster.

 $2-16 \text{ days} \rightarrow 2 \text{ hours}$

High O&M efficiency

Locates and fixes faults across the service, application, network, and device layers.

 $1 - 8 \text{ hours} \rightarrow 5 \text{ minutes}$

Green and low-carbon

Drives green technology upgrades and increases the energy efficiency per transaction.

10 → 1 W/TPS

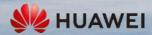


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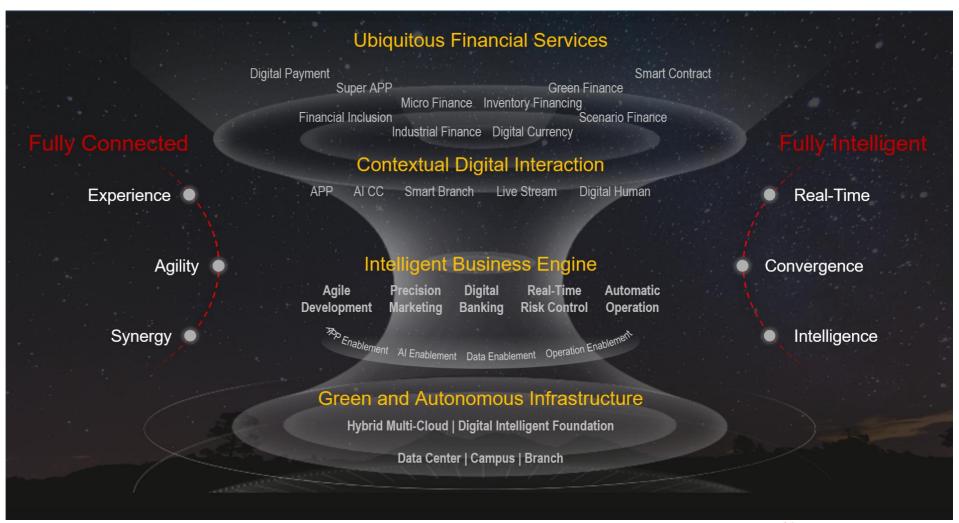




Fully Connected, Fully Intelligent and All-Scenario Digital Finance

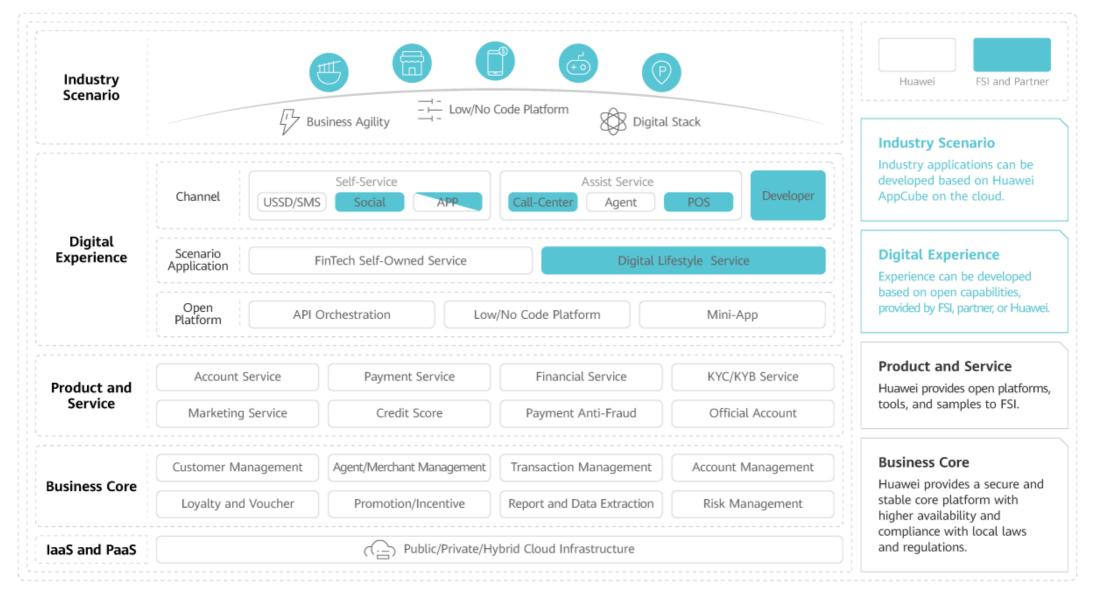
To date, Huawei have served over 3,300 financial customers.

In more than 60 countries and regions, including 50 of the world's top 100 banks





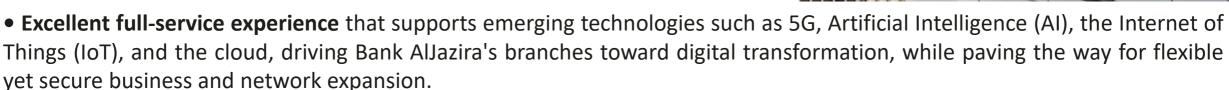
Architecture of Mobile Financial Solution





Bank AlJazira: Enhanced SD-WAN Network to Deliver Secured, Efficient and Consistent Banking Services Across Saudi Arabia

- Intelligent ultra-broadband and on-demand interconnection that enables reliable and scalable interconnection between branches, headquarters, and clouds.
- **Zero-touch** Provision configuration that provides simple and reliable service roll-out and maintenance without the need for on-site staff.
- Intelligent traffic steering intelligent link selection based on SLA, dynamic selection of link transmission for applications
- Smart O&M with unified management, allowing cloud-based management of Local Area Networks (LANs) and WANs, simplifying system deployment, and reducing O&M costs.



• Secured and reliable cloud connectivity: enhanced security features, and Resilience and redundancy features





The Tokyo Branch is committed to delivering comprehensive, high-quality, and efficient financial services to businesses in China and Japan.

An effective data storage solution is essential for managing the data, as well as ensuring its accuracy, accessibility, and security.

Storage Solution: NAS for Banking Services The Network-Attached Storage (NAS)

Huawei OceanStor is a storage system designed to provide high-performance and reliable storage. This system features dual-controller architecture that delivers high availability and allows for online upgrades and maintenance, with no interruption to live services.

The Tokyo branch of the ABC deployed one set of OceanStor in its headquarters and another in a remote data center. Remote asynchronous data replication, set up between these two sites, is periodically performed, building up security.

The OceanStor series uses Non-Volatile Memory express (NVMe)-based Solid-State Drives (SSDs) and supports a wide range of storage protocols, including Fibre Channel (FC), Internet Small Computer Systems Interface (iSCSI), and FC over Ethernet (FCoE)



Agricultural Bank of China -- Tokyo Branch



Thank you.

